Requirements Categorizing

Software Engineering - Homework 1 - Kaci Craycraft

* Note that any purple answers are my final answers but have been changed back and forth so many times I simply cannot be sure. Would like to go over the correct way to think about these.

1. Functional Requirements   2. FURPS+

1. Allow users to monitor uploads/downloads while away from the office.

Functional   Functionality Requirements

2. Let the user specify website log-in parameters such as an Internet address, a port, a username, and a password.

Functional   Functionality Requirements

3. Let the user select an Internet location (URL), a local file, and a time to perform the upload/download.

Functional   Functionality Requirements

4. Let the user schedule uploads/downloads at any time.

Functional   Functionality Requirements

5. Allow uploads/downloads to run at any time.

Nonfunctional   Reliability Requirements

6. Make uploads/downloads transfer at least 8 Mbps.

Nonfunctional   Usability Requirements

7. Run uploads/downloads sequentially. Two cannot run at the same time.

Nonfunctional   Performance Requirements

8. If an upload/download is scheduled for a time when another is in progress, it waits until the other one finishes.

Functional   Functionality Requirements

9. Perform scheduled uploads/downloads.

Functional   Functionality Requirements

10. Keep a log of all attempted uploads/downloads and whether they succeeded.

Nonfunctional   Reliability Requirements

11. Let the user empty the log.

Functional   Supportability Requirements

12. Display reports of upload/download attempts.

Nonfunctional   Usability Requirements

13. Let the user view the log reports on a remote device such as a phone.

Functional   Functionality Requirements

14. Send an e-mail to an administrator if an upload/download fails more than its maximum retry number of times.

Nonfunctional   Supportability Requirements

15. Send a text message to an administrator if an upload/download fails more than its maximum retry number of times

Nonfunctional   Supportability Requirements